

# F-L ENERGY CORPORATION

1943 East 1700 South  
Salt Lake City, Utah 84108  
(801) 581-1071

## BOARD OF DIRECTORS

PAUL PULLMAN  
President

LYNN KANO  
Secretary Treasurer

PATRICK L. DRISCOLL  
Petroleum Engineer

Date: May 16, 1981

Re: Pre-staking application

F-L Energy Corporation

Hawthorn-Federal #1-34

Section 34, T20S R7E SLBM

U-20764

*EMERY Co.*

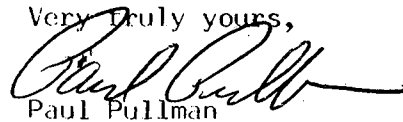
Mr. Edgar W. Guynn, Dist. Supt.  
U.S. Geological Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Dear Mr. Guynn:

In accordance with NTL-6, Part A, Section 2, the F-L Energy Corporation requests an onsite inspection on the above well-site. This inspection will preclude any site work or road work and will be done prior to the actual site surveying.

A multi-use map is enclosed indicating the approximate location.

Very truly yours,



Paul Pullman

President

RECEIVED

MAY 19 1981

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form Approved.  
Budget Bureau No. 42-R1424

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well      gas ☒ well      other ☐

2. NAME OF OPERATOR

F-L Energy

3. ADDRESS OF OPERATOR

1943 East 1700 South, S.L.C., Utah 84108

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: FSL 660, FEL 660 (SE $\frac{1}{4}$  SE $\frac{1}{4}$ )

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: As above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) ☒ X

Pre-Staking Inspection

5. LEASE

U-20764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hawthorne-Federal

9. WELL NO.

#1-34

10. FIELD OR WILDCAT NAME

Unnamed

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 34

Township 20 South, Range 7 East

12. COUNTY OR PARISH

Emery

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

Approx. 6,100 Ground Level

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Proposed to drill a well to test the Ferron Formation at this site adequately. Anticipated that this well will be drilled to a total depth of 1500 feet or approximately 100 feet into the top of the Tununk Formation. Air will be used as the circulating medium, and a series 600-BOP will be used.

**RECEIVED**  
MAY 19 1981  
DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Paul Pullman

TITLE President

DATE May 12, 1981

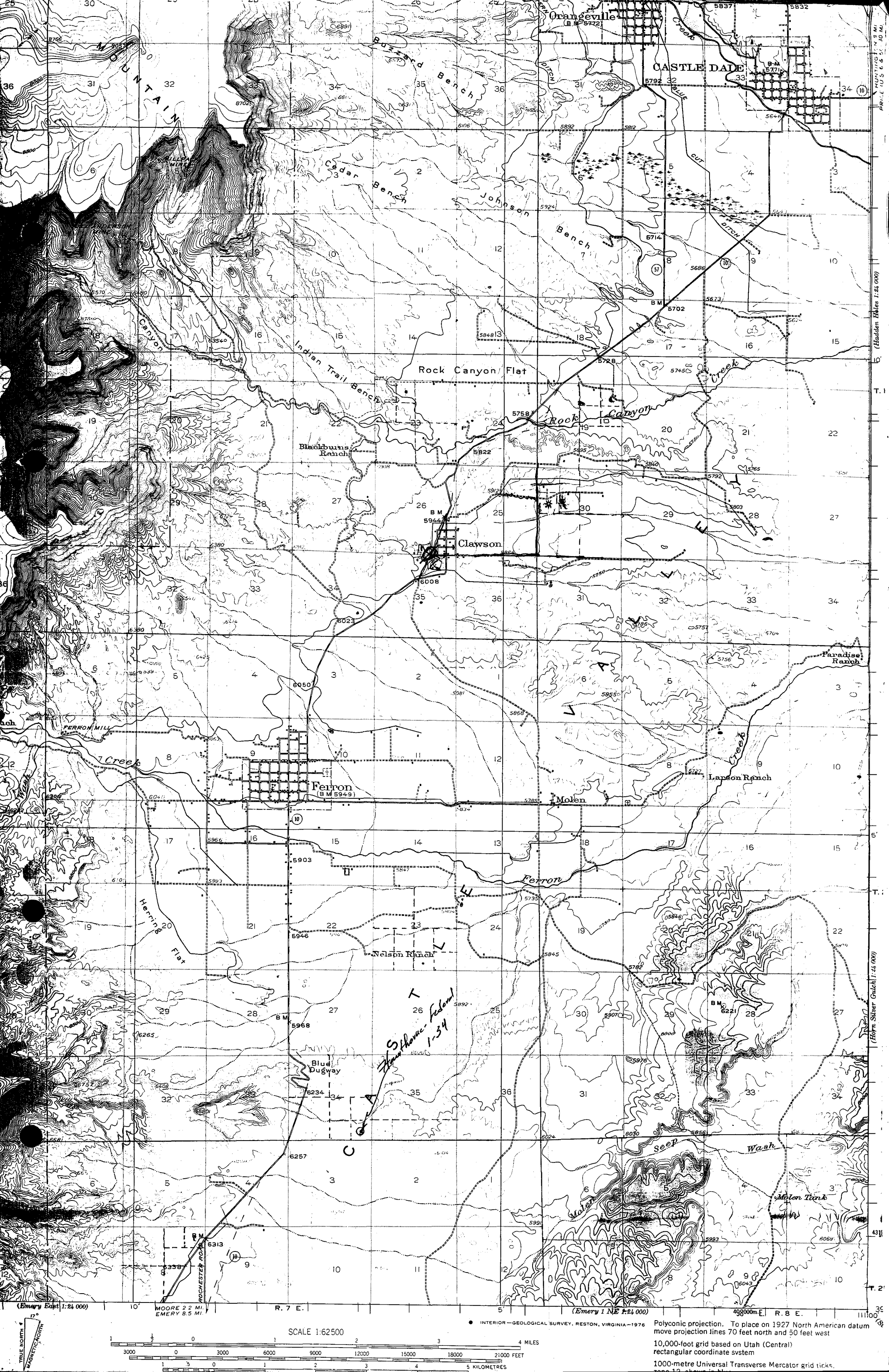
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



(Emery East 1:24 000)

MOORE 2.2 MI.  
EMERY 8.5 MI.

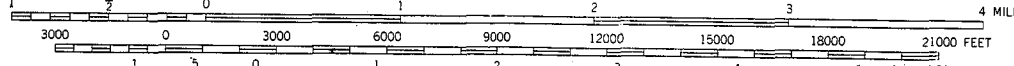
R. 7 E.

(Emery 1 NE 1:24 000)

49°00'00" E. R. 8 E.

111°00'

SCALE 1:62500



• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976

Polyconic projection. To place on 1927 North American datum move projection lines 70 feet north and 50 feet west  
10,000-foot grid based on Utah (Central) rectangular coordinate system  
1000-metre Universal Transverse Mercator grid ticks, zone 12, shown in black

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

F-L Energy Corporation Co.

## 3. ADDRESS OF OPERATOR

1943 East 1700 South Salt Lake City Utah 84108

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34 (660 ft FSL, 690 ft FEL)

At proposed prod. zone

As Above

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Three and one-half South of Ferron, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 660 feet

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. Well on lease

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

1500 Feet

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE-TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6150

## 22. APPROX. DATE WORK WILL START\*

July 15, 1981

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4	7 5/8	20 lb	100	Cement will be circulated to surf. 250 Sacks
6 3/4	4 1/2	9.5 lb	1500	

It is proposed to fully test and evaluate the Ferron Formation by drilling through the Ferron and approximately 100 feet into the Tununk Shale. Air will be used as the circulating media. No coring or drill-stem testing is planned. The logs will be a Gamma Ray-Caliper, Compensated Neutron-Density and V.D.L. log. All Federal and State Regulations will be fully adhered to.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 7/1/81

BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Paul Pullman

SIGNED

TITLE President

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

United States Department of the Interior  
Geological Survey  
Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

## NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name F-L ENERGY CORPORATION  
Project Type OIL OR GAS WELL  
Project Location 560' FSL, 690' FEL, SEC 34, T.20S, R. 7E.  
Date Project Submitted 6/25/81

FIELD INSPECTIONDate 7-20-81Field Inspection  
Participants

<u>GEORGE DIWACHAK</u>	<u>USGS</u>
<u>MERVIN MILES, LAURELLE HUGHES</u>	<u>BLM</u>
<u>PATRICK DRISCOLL</u>	<u>F-L ENERGY</u>
<u>LYNN CAIN</u>	<u>F-L ENERGY</u>
<u>PAUL POLLMAN</u>	<u>F-L ENERGY</u>
<u>CARL HUNT</u>	<u>HUNT'S SERVICE</u>

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

7/28/81  
Date Prepared

George J. Diwachak  
Environmental Scientist

I concur

JUL 28 1981

Date

W.D. Martin  
District Supervisor

FOR

E. W. GUYNN  
DISTRICT ENGINEER

# CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety	1 (7-27-81)					2	6	6 (7-20-81)	4,8
2. Unique characteristics	1					2	6	6	4,8
3. Environmentally controversial	1						6	6	4,8
4. Uncertain and unknown risks						2	6	6	
5. Establishes precedents							6	6	4,8
6. Cumulatively significant							6	6	4
7. National Register historic places	1								4
8. Endangered/threatened species	1								
9. Violate Federal, State, local, tribal law							6	6	4,8

PLEASE REFER TO ATTACHED  
LEGEND

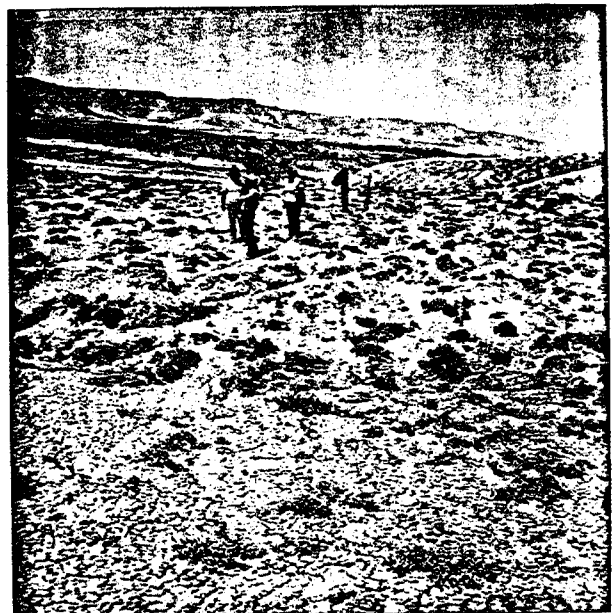
# CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input (DATED - 7-27-81)
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation INCLUDING FIELD NOTES - ONSITE DATE - 7-20-81
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS:



F-L ENERGY  
HAWTHORN 1-34

↑  
E



F-L ENERGY  
HAWTHORN 1-34

↑  
N

## RECOMMENDED STIPULATIONS

1. SEE BLM STIPULATIONS
2. THE LOCATION WILL BE MOVED 100 FT SOUTH
3. THE DRILL PAD WILL BE ROTATED  $45^{\circ}$  EAST <sup>OR</sup> CLOCKWISE TO PLACE THE RESERVE/BLOOIE PIT DOWNWIND OF RIG.
4. A MAXIMUM SURFACE DISTURBANCE OF 250 FEET BY 300 FEET WILL BE AUTHORIZED FOR PAD CONSTRUCTION. SURFACE DISTURBING ACTIVITIES SHOULD BE LIMITED TO THE 150 FT BY 100 FT PAD AND 20 FT BY 75 FT BLOOIE PIT AS DISCUSSED AT THE 7/20/81 PREDRILL INSPECTION. THE EXTRA SPACE IS APPROVED AND MAY BE USED IF NECESSARY
5. THE RESERVE PIT MUST BE TERRACED BELOW THE LOCATION SO THAT AT LEAST 6 FEET OF DEPTH IS IN CUT MATERIAL
6. THE RESERVE PIT WILL BE FENCED ON 3 SIDES DURING DRILLING, WITH THE FOURTH SIDE FENCED ONCE THE RIG MOVES OFF LOCATION. FENCES SHALL REMAIN STANDING UNTIL RESTORATION COMMENCES
7. A BLM RIGHT-OF-WAY WILL BE NECESSARY PRIOR TO ROAD USE OR CONSTRUCTION.





# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District  
San Rafael Resource Area  
P. O. Drawer AB  
Price, Utah 84501

IN REPLY REFER TO

3100  
U-20764  
(U-067)

July 27, 1981

To: District Engineer, USGS  
From: ~~Acting~~ Area Manager, San Rafael  
Subject: Additional Surface Management Requirements for  
APD's F L Energy Corp. Well No. 1-34  
Sec. 34, T. 20 S., R. 7 E., SLB&M

Following the onsite inspection held July 20, we would like to have the following stipulations made part of the approved permit to drill:

1. The BLM San Rafael Resource Area will be notified 48 hours before beginning any construction (phone 801-637-4584; 748-2249 after hours).
2. Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS/USFS oil and gas brochure entitled "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of topsoil, rehabilitation, etc.
3. Topsoil 4 inches deep will be wind-sowed around the east edge of the location. Drill pad will be constructed with a slight slope toward reserve pit. When drilling is completed land will be returned to as near original contour as possible before topsoil is respread.
4. Seeding will take place about October 20 and before March 1. Seeding method will be by drilling and borrowing, and will be repeated until vegetation is successfully established. The following seed mixture will be used:

Grass

Rate

Indian ricegrass	3 lbs per acre
Crested wheatgrass	3 lbs per acre

Legumes

Castle Valley clover	3 lbs per acre (if available)
Yellow clover	3 lbs per acre

Noted - G. Diwachak

JUL 28 1981

5. The road will be a single lane road not to exceed 20 feet total disturbed area, with a 16 foot travel surface. All vehicle travel will be confined to existing roads. Off road travel is prohibited.

6. Trash will be contained in a wire cage or drum and hauled to an approved disposal site.

7. A chemical toilet will be provided at the drill site. Pit toilets will not be allowed.

8. The reserve pit will be 20 feet wide, 75 feet long and 6 feet deep in cut material. *be TERRACED BELOW PAD SO THAT IT IS*

9. All personnel movement and construction will be confined to the location and to the access road leading into the location.

10. Should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area, the BLM will be notified immediately.

11. If the well is a dry hole but water is found, the BLM will be advised as to the depth of the water found.

12. Adequate volumes of cement will be used in cementing surface casing to insure circulation to surface.

13. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Dakota formation, and the Potash zones in the Paradox formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal and potash resources. The Potash zones will be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Surface casing program may require adjustment for protection of fresh water aquifers.

No threatened or endangered plant or animal species are known to inhabit the area.

An archaeological evaluation was done by Floyd Pierson for F L Energy Corp. We have not received the report as yet but the archaeologist verbally advised us that no cultural resources were observed or recorded in the field and no national register status sites will be affected by the drilling program.

The drilling area is no longer subject to the Wilderness Interim Management Guidelines.

*David [Signature]*

*omit  
included  
in USGS-ES  
STIPS*

*omit  
included in  
Drilling Plan*

*omit  
N/A*

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH  
TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH  
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U 20764

OPERATOR: F-L Energy

WELL NO. 1-34

LOCATION: 1/2 SR 1/2 SE 1/4 sec. 34, T. 20S, R. 7E, SW  
Emery County, Utah

1. Stratigraphy:

Moncos Shale - surface

Ferron SS ~ 800'

Tununk Shale ~ 1200

(operator taps are too deep,)

2. Fresh Water:

small amounts possible in Ferron SS

3. Leasable Minerals:

possible coal in Ferron SS

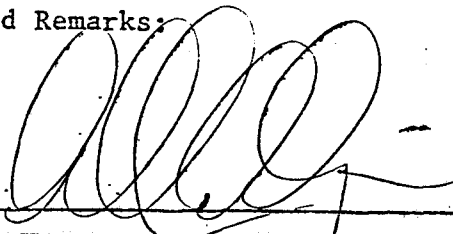
4. Additional Logs Needed:

adequate

5. Potential Geologic Hazards:

none probable

6. References and Remarks:

Signature: 

Date: 7-27-77

- 1) The surface material is weathered Mancos Shale mixed with fine-grained aeolian silt-stone. Some of the cliff exposures include the Upper Ferron Sandstone.
- 2) The estimated tops of important and recognizable geologic markers are:

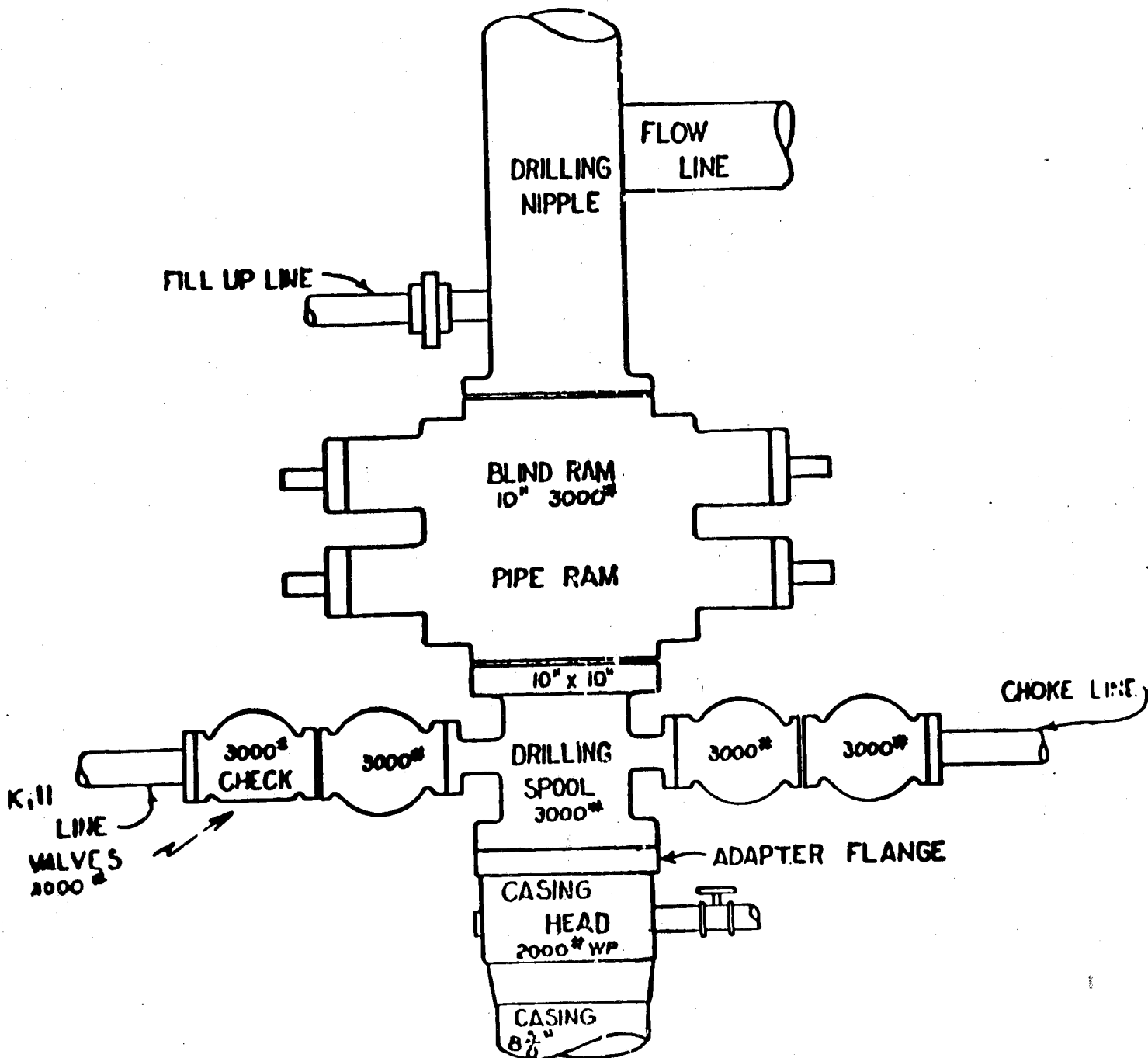
Mancos Shale	Surface
Lower Ferron	1,000 ft.
Tununk Shale	1,400 ft.
- 3) The estimated depths at which important water oil and gas is expected to be encountered are:

Lower Ferron Sand	1,000 ft.	Gas and/or Oil
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There are no water sands expected to be encountered while drilling this well.
- 4) The casing program as previously indicated will consist of 100 feet of 7 5/8 inch, 20 lb/ft surface casing and 1500 feet of 4 1/2", 9.5 lb/ft production casing. The surface casing will be set and cement will be circulated to surface. The 4 1/2" production string will be cemented with 250 sacks of cement. This is a calculated 25% excess amount of cement necessary to cement the entire string to surface.
- 5) The schematic diagram of the B.O.P. is attached. The 3000 psig working configuration will be used. Also, dependent upon the height from ground level to the return flow, a hydril or equivalent type of B.O.P. will be utilized as the top piece of the B.O.P. stack.
- 6) It is planned to drill this well using air as the circulating medium. The only water anticipated to be used will be that employed in cementing the casing.
- 7) The auxilliary equipment to be used will be that applicable to prudent air drilling practices. The blooie line will be terminated at a minimum distance of 150 feet from the rig. A relatively small blooie pit will be utilized.
- 8) It is planned to utilize open-hole logs in this well. They will consist of a gamma ray, compensated neutron formation density log, as well as a compensated sonic log and fracture detection log.
- 9) It is not anticipated that any H<sub>2</sub>S, abnormal pressures or high temperatures will be encountered in drilling this well.
- 10) It is expected to commence operations immediately upon permit approval. The estimated time to drill this well will be five (5) days.

## WELL CONTROL EQUIPMENT

1. Surface Casing
  - A. Hole size for the surface casing will be 10 3/4"
  - B. Setting depth for the surface casing will be approximately 100'
  - C. Casing specifications are 7 5/8" o.d; H-40, 20 lb/ft 8rd thread, Condition "A".
  - D. Anticipated pressure at setting depth is approximately 40 psig.
  - E. Casing will be run and cement will continue to be mixed until returns are evident at surface.
  - F. Top of the surface casing will be at ground level.
2. Casing Head
  - A. The flange size will be 6" series 300. new, equipped with 2 inch ports with nipples and 2" 1,000 lb. working pressure valves. Casing head and valves will be set above ground.
3. Intermediate casing
  - A. None
4. Blowout Preventers
  - A. Double Rams, hydraulically operated, one set of pipe rams for 2 7/8" drill pipe, and one set of blind rams. They will be equipped with a mechanical closing device for back-up service. A Hydril or similiar type is planned to be used as the top piece of the B.O.P. stack.
5. Auxilliary Equipment
  - A. All that is standard for safe and prudent air drilling operations.
6. Anticipated Pressures
  - A. The anticipated pressure that is expected to be encountered will be approximately 350 psig.



F-L Energy Corp.  
BLOWOUT PREVENTER DIAGRAM

## OPERATIONS AND SURFACE USE PLAN

### 1. Well Location and Existing Roads:

The attached plat (figure 1) shows the location of the proposed well site. Figure 2 shows the access route from State Highway 10 to the well site. The well site is approximately  $3\frac{1}{2}$  miles south of Ferron, Utah along State Highway 10, thence 1 mile due East. A request will be made of the State Highway Department for an excess way off the State Road.

### 2. Planned Access Road:

As indicated in the above statement, the access road will originate on State Highway 10 and will proceed eastward for a distance of one mile. The access road will originate on Mancos Shale and will be very lightly graded during the drilling of this well. If the well is productive, the road will be contoured, sloped and ditched. If in the event a dry hole is occurred, water bars will be made and the road restored to, as closely as possible, original conditions.

### 3. Location of Existing Wells:

Figure three (3) indicates wells in the immediate area. It is believed that the indicated wells are no longer productive. There are no other known wells, either productive, abandoned or dry than is shown on the attached plat.

### 4. Location for Production Equipment:

There are two diagrams attached. One indicates the location of production equipment in the event the well is oil productive. The second diagram indicates production equipment for a gas well. All lines will be coated and wrapped and buried. The land usage for this equipment will be held to an absolute minimum. After operations cease, and provided surface disturbances have occurred, the surface will be leveled and sloped to pre-existing conditions. Recommendations for reseeding, as given by the B.L.M., will be followed.

### 5. Water Supply:

It is anticipated that water usage will be extremely minimal. The water so used will be obtained from Ferron Creek from the water rights of one of the ranches in the immediate area. There are no present plans for using saline water except for a 3% KCl solution that will be used during completion operations.

### 6. Road Material:

It is not expected to use any material other than which is

## OPERATIONS AND SURFACE REPAIR PLAN

### 6. (Continued)

is presently in place to build the road and drilling pad. The loose weathered shale shall be pushed aside and saved. Redistribution of this material will occur on the drilling site immediately following cessation of completion operations. Reuse of this weathered shale shall be done as requested by the jurisdictional B.L.M. office.

### 7. Waste Disposal:

A small reserve pit (12 x 20) will be used as a blooie line collection pit as well as a collection pit for the small amount of excess water that is to be used. This pit will be folded in and recontured as soon as possible following completion of operations. This area will be reseeded. A covered trash cage will be made and this trash will be picked up and hauled away.

### 8. Camp Facilities and Airstrip:

One motor home (self-contained) and one dog-house will be used on location. No additional ground or facilities will be used for this equipment. There are no plans for an airstrip. For emergency facilities the Carbon County Airport will be used.

### 9. Well Site Layout:

The plan for the layout of the drilling equipment is indicated in Figure 7. There may be slight additions and/or deletions that may occur if the drilling contractor decides to add or delete from his present facilities. As this location is relatively flat, a minimum amount of cut and/or fill will be needed. As previously noted, two diagrams indicating the production layout are attached.

### 10. Restoration:

After drilling operations have been concluded and equipment removed, the well site areas will be cleaned, leveled, and reseeded and restored to normal. The pits will be covered and all trash will be removed. Reseeding will be done at the direction of the B.L.M.. The F-L Energy Company has on record a \$50,000 Statewide Federal Bond.

### 11) Land Description:

Note part no. 1 above. The area is fairly flat, but is also



OPERATIONS AND SURFACE USE PLAN

11. (Continued)

in near proximity to several rolling hills to the South.  
The Wasatch Plateau is to the West and the San Rafael Swell  
lies to the East.

12. Representation:

The F-L Energy Company is the designated Operator of the lease.  
The Operators supervisor will be Patrick L. Driscoll P.E.  
1933 East Tartan Ave. , Salt Lake City Utah. The phone number  
is 582-7247

13. Certification:

I hereby certify that I or persons under my direct Supervision,  
have inspected the proposed drill-site and proposed access road;  
that I am familiar with the conditions which presently exist;  
that the statements made in this plan are, to the best of my  
knowledge, true and correct, and that the work associated  
with the operations proposed herein will be performed by the  
F-L Energy Company and its contractors and subcontractors in  
conformity with this plan and the terms and conditions under  
which it is approved.

6-22-81

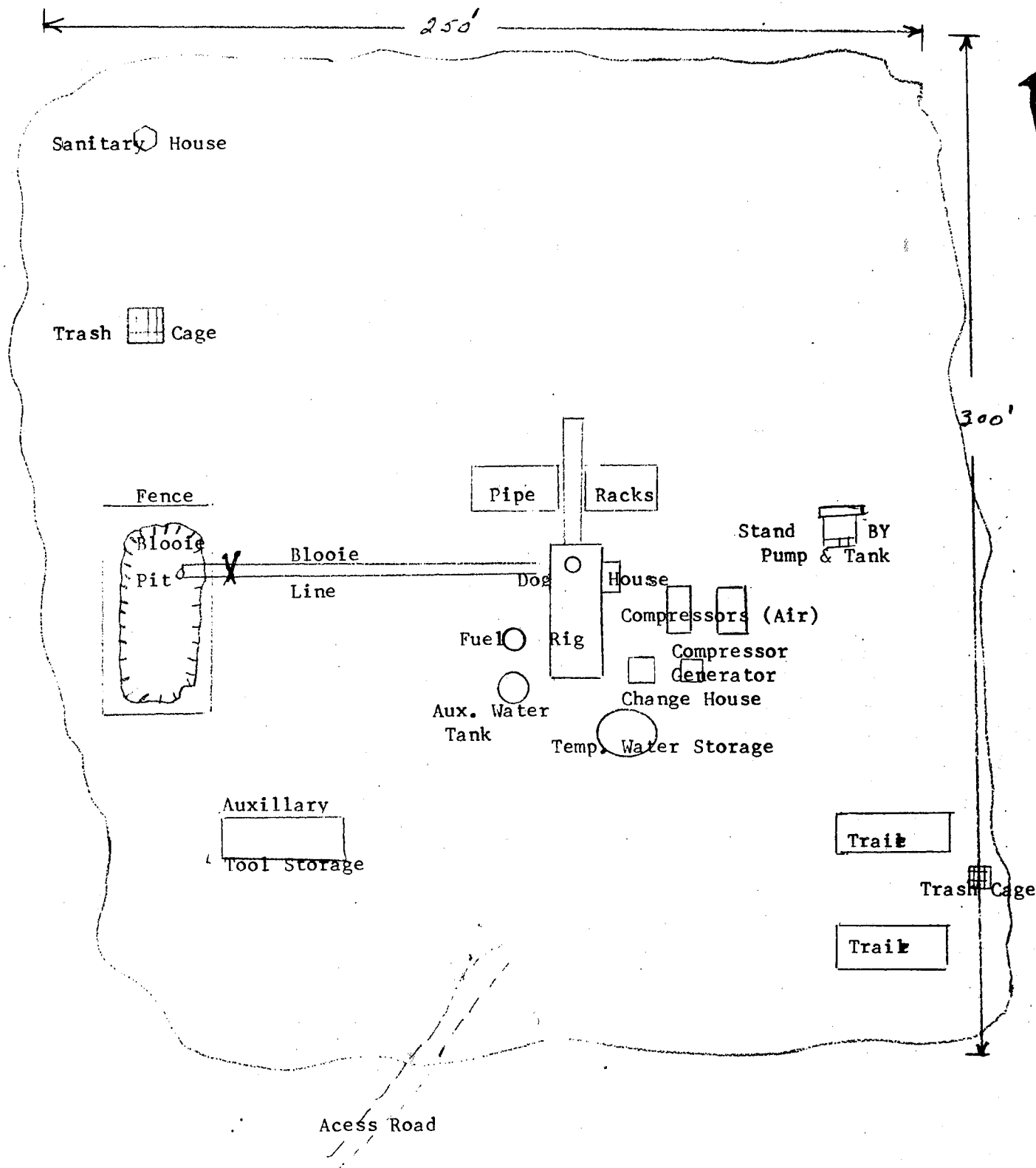
Date

Paul Pullman

Paul Pullman  
President

Schematic Diagram

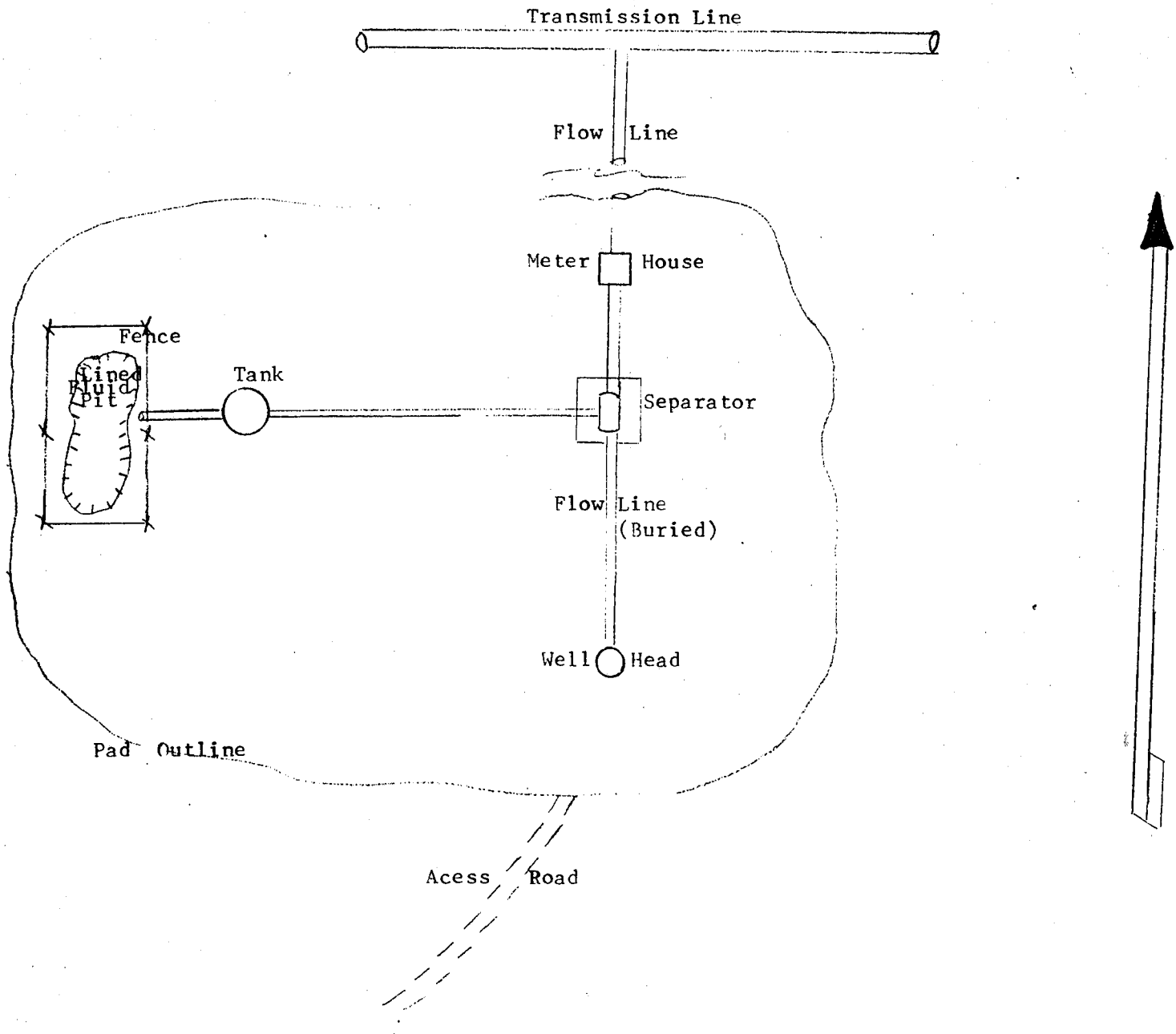
Drilling Rig Layout



Scale 1" = 50'

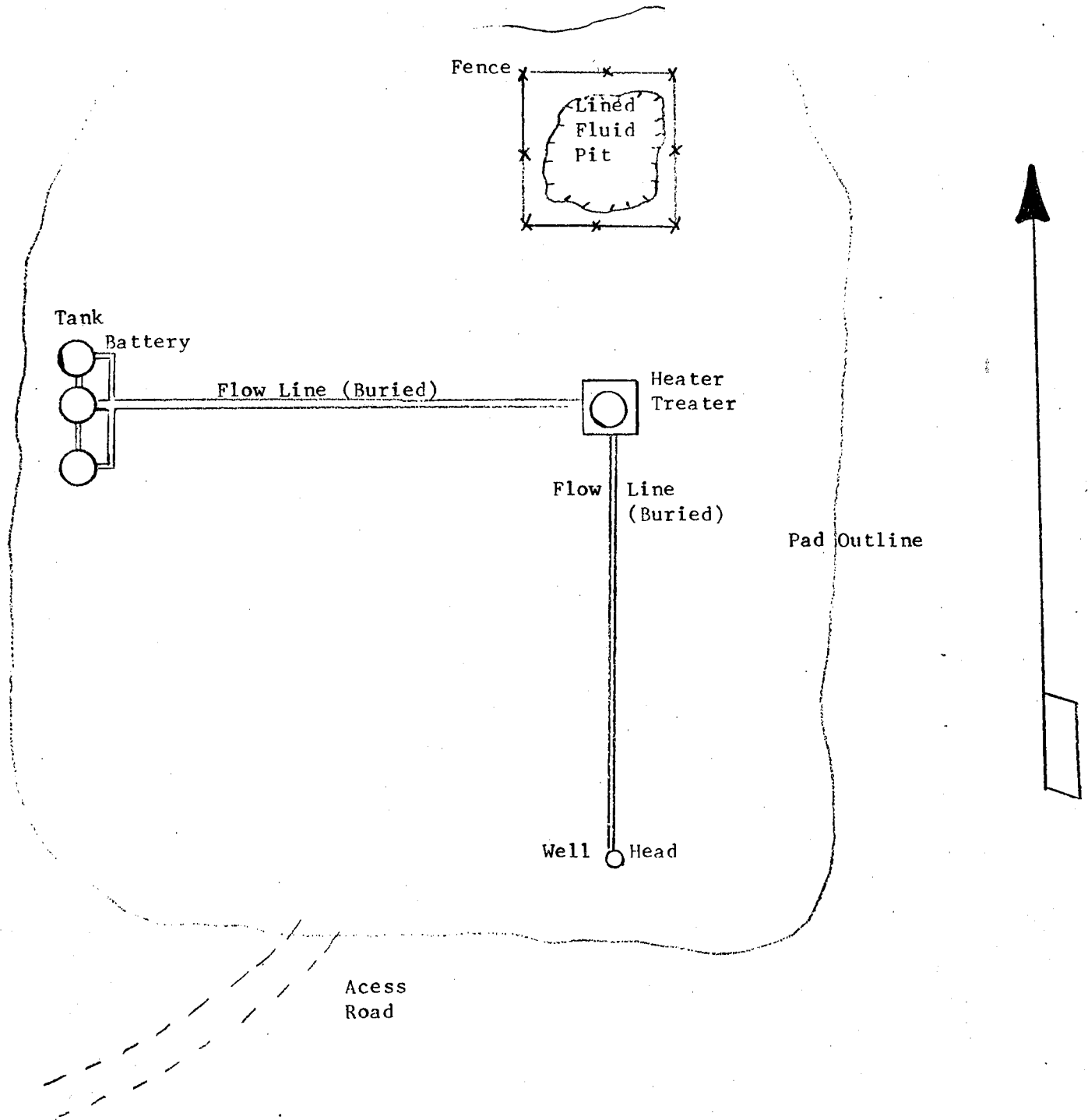
(approximate)

F-L ENERGY COMPANY  
Production Facilities  
Gas

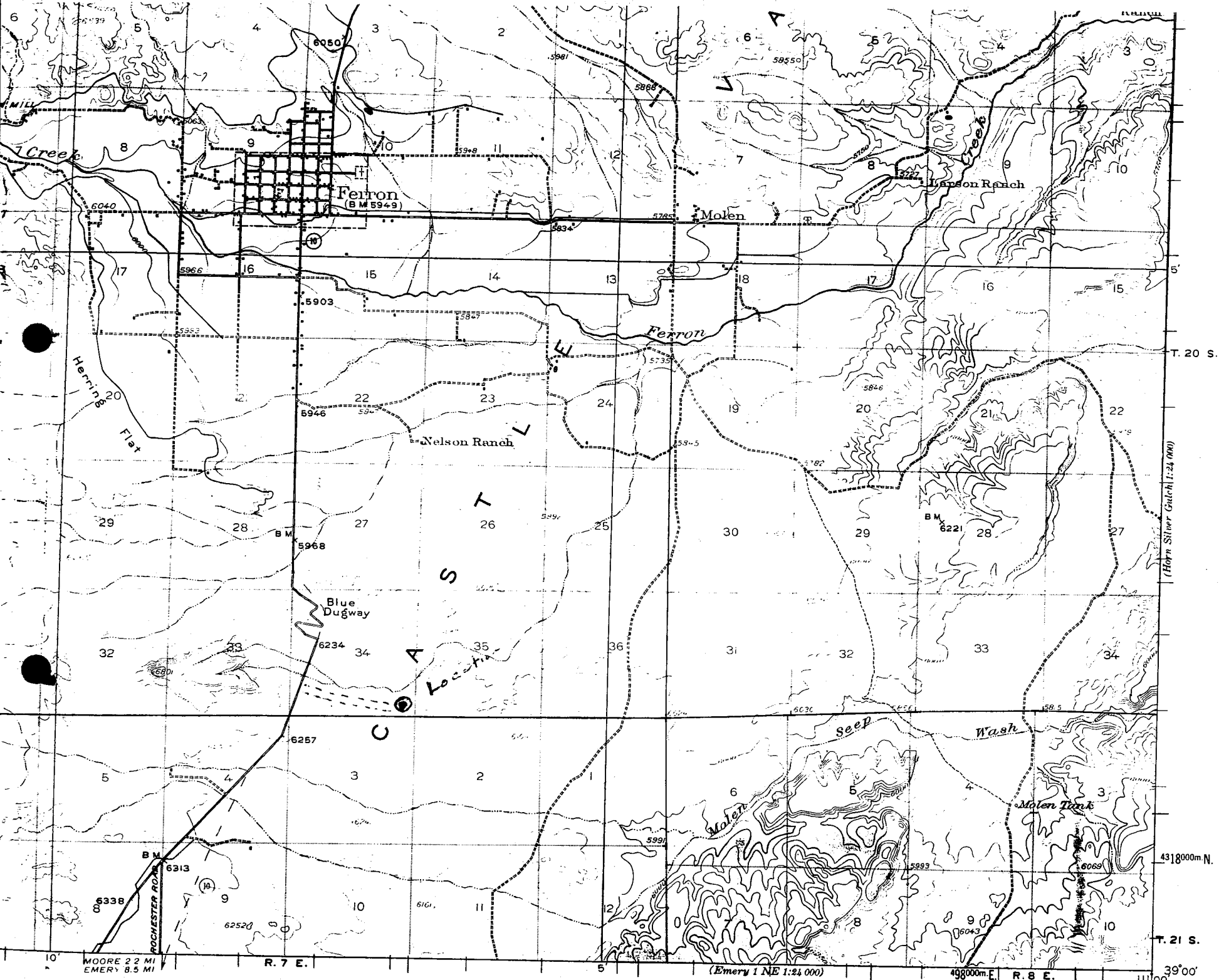


Approximate Scale: 1" = 50'

F-L ENERGY COMPANY  
Production Facilities  
Oil



Approx. Scale: 1" = 50'



• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976

Polyconic projection. To place on 1927 North American datum move projection lines 70 feet north and 50 feet west

10,000-foot grid based on Utah (Central)

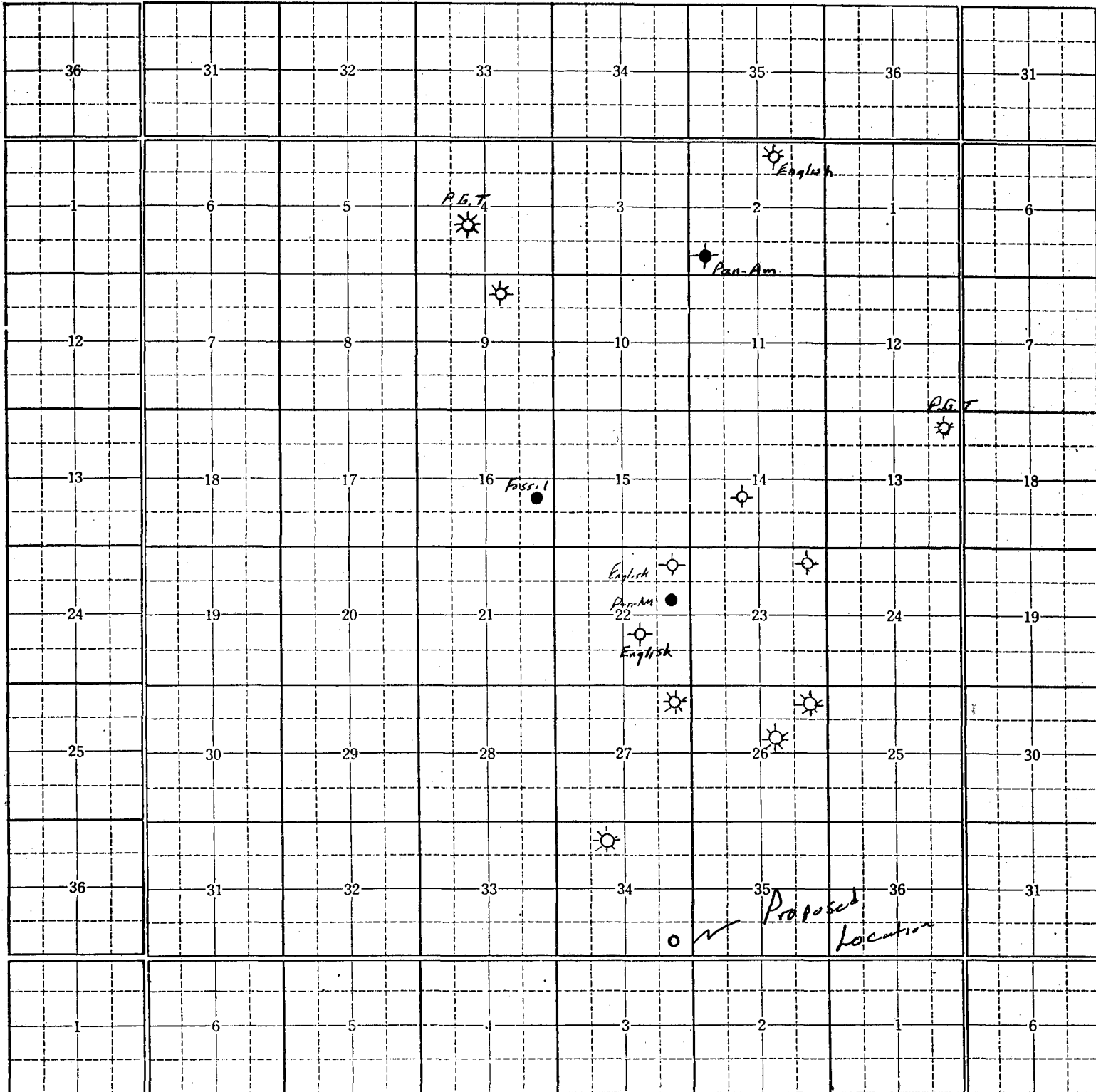
39°00'

F-L ENERGY COMPANY  
Well Location Plat Emery County

Township 20 South, Range 7 East, County Emery, State Utah

Island Township Plat

Salt Lake Base Meridian



\*\* FILE NOTATIONS \*\*

DATE: June 29, 1981  
OPERATOR: F-2 Energy Corp.  
WELL NO: Hawthorne Fed. #1-34  
Location: Sec. 34 T. 20S R. 7E County: Emery

File Prepared: ☒ Entered on N.I.D: ☒  
Card Indexed: ☒ Completion Sheet: ☒

API Number 43-<sup>015</sup>~~007~~-30084

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK as per order in case #7

Administrative Aide: as per Order Below, ok on boundaries, ok on any other oil or gas wells.

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐  
Order No. #7 12-13-57 O.K. Rule C-3 ☐  
Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒ P.I. ☒

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**RECEIVED**  
DIVISION OF OIL, GAS & MINING  
JUL 15 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR  
F-L Energy Corporation

3. ADDRESS OF OPERATOR  
1943 East 1700 South Salt Lake City Utah 84108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34 (660 ft FSL, 690 ft FEL)  
At proposed prod. zone As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Three and one-half South of Ferron Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660 feet

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Well on lease

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4	7 5/8	20 lb	100	Cement will be circulated to surf 250 Sacks
6 3/4	4 1/2	9.5 lb	1500	

It is proposed to fully test and evaluate the Ferron Formation by drilling through the Ferron and approximately 100 feet into the Tununk Shale. Air will be used as the circulating media. No coring or drill-stem testing is planned. The logs will be a Gamma Ray-Caliper, Compensated Neutron-Density and V.D.L. log. All Federal and State Regulations will be fully adhered to.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Paul Pullman  
SIGNED Paul Pullman TITLE President DATE 6-22-81

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY E. W. Gwynn TITLE FOR E. W. Gwynn DISTRICT ENGINEER DATE JUL 29 1981

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

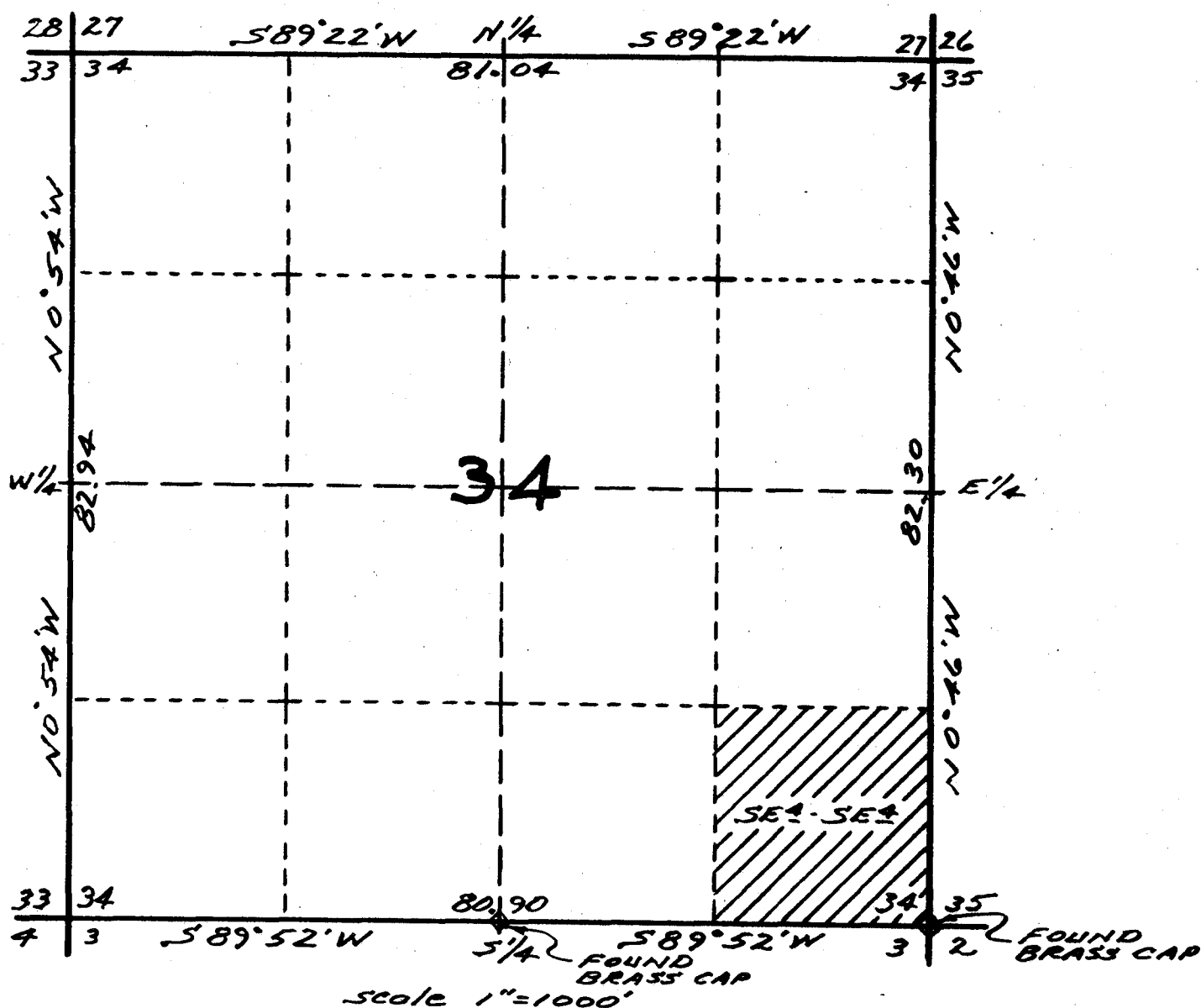
\*See Instructions On Reverse Side

NOTICE OF APPROVAL

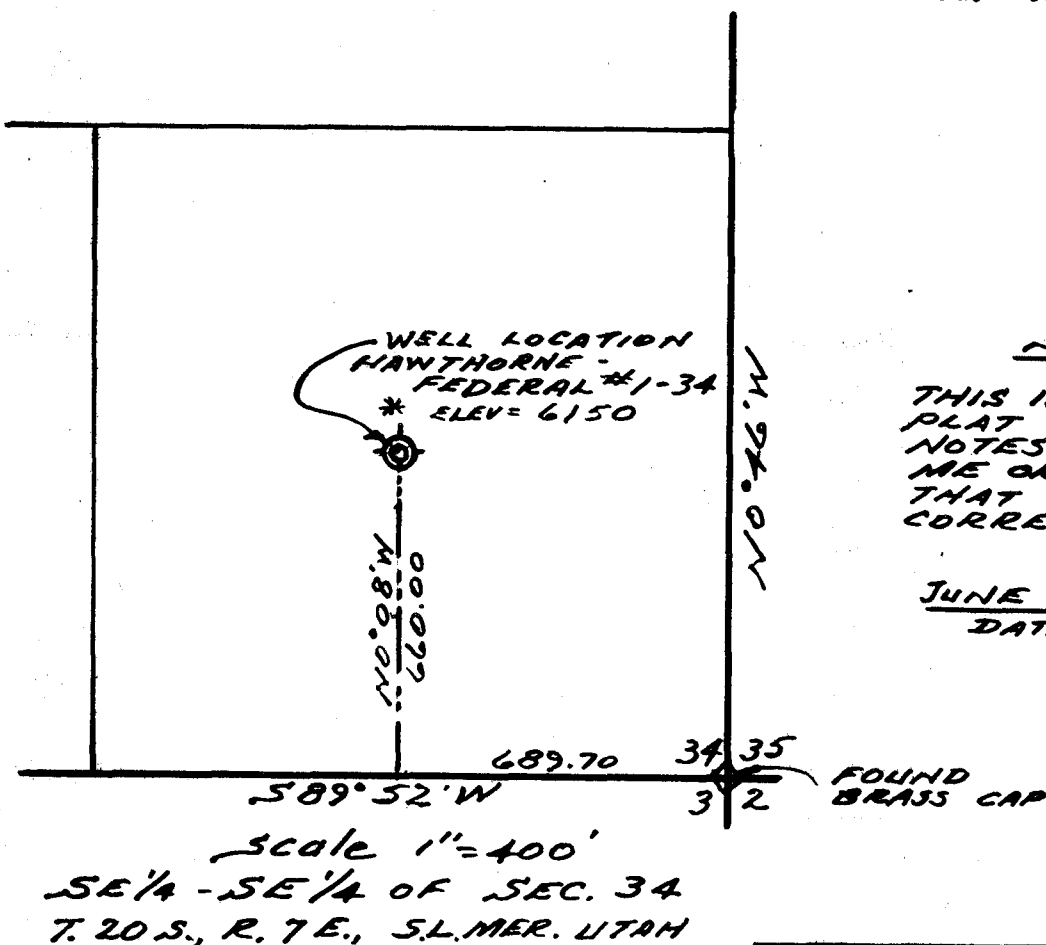
*State of G.*

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80





SECTION 34  
TOWNSHIP 20 SOUTH, RANGE 7 EAST,  
SALT LAKE MERIDIAN, UTAH  
DEPENDENT RESURVEY



SURVEYOR'S CERTIFICATION

THIS IS TO CERTIFY THAT THE ABOVE  
PLAT WAS PREPARED FROM FIELD  
NOTES OF ACTUAL SURVEYS MADE BY  
ME OR UNDER MY SUPERVISION AND  
THAT THE SAME ARE TRUE AND  
CORRECT TO THE BEST OF MY KNOWLEDGE.

JUNE 1981  
DATE

M. Carl Larsen  
M. CARL LARSEN  
REGISTERED UTAH SURVEYOR  
CERTIFICATE (LICENSE) N:2970

\*ELEVATION TAKEN FROM  
U.S.G.S. QUAD SHEET.

EMERY COUNTY, UTAH

WELL LOCATION - HANTHORNE - FEDERAL #1-34 SE 1/4 OF SE 1/4, SEC. 34, T.20S, R.7E., SLM, UTAH		
PAUL PULLMAN OF F.L. ENERGY COMPANY 1943 EAST 1700 SOUTH STREET SALT LAKE CITY, UTAH, 84108 (1-801-364-1063)		
PREPARED BY LARSEN AND MALMQUIST CONSULTING ENGINEERS AND LAND SURVEYORS 2736 SOUTH 2700 WEST STREET WEST VALLEY CITY, UTAH, 84119 (1-801-972-2634)		
DRAWN BY: B.R.D.	SCALE: AS SHOWN	DRAWING NO
CHECKED BY: MCL	DATE: JUNE 1981	2-0066-815
APPROVED BY: MCL	JOBN: LEM0066-815	

July 2, 1981

F.L Energy Corp.  
1943 E. 1700 S.  
Salt Lake City, Utah

RE: Well No. Hawthorne Federal #1-34  
Sec. 34, T. 20S, R. 7E,  
Emery County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 7.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001


Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-007-30084.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
Cleon B. Feight  
Director

MTM/db  
CC: USGS

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-20764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hawthorne-Federal

9. WELL NO.

#1-34

10. FIELD AND POOL, OR WILDCAT

Ferron Extension

11. SEC., T., R., M., OR BLE. AND  
SURVEY OR AREA

Section 34

T20S R7E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

E-I Energy Co.

3. ADDRESS OF OPERATOR

suite 23, 2020 East 3300 South, Salt Lake City, Utah 84109

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

SE $\frac{1}{2}$  SE $\frac{1}{2}$  Section 34

(560 FSL &amp; 690 FEL)

14. PERMIT NO.

43-007-30084

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6150 G.L.

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other) Operation Report

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

X

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

## OCTOBER REPORT:

Waiting on completion rig in order to attempt completion in the Ferron  
Formation.

18. I hereby certify that the foregoing is true and correct

SIGNED

Paul Pullman

TITLE

President

DATE

Nov. 2, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(0 instructions on  
reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-20764
2. NAME OF OPERATOR F-L Energy Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2020 East 3300 South (suite 23), SLC, Utah 84109		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 34 (560 FSL & 690 FEL)		8. FARM OR LEASE NAME Hawthorne-Federal
14. PERMIT NO. 43-007-30084	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6150 G.L.	9. WELL NO. #1-34
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 34 T20S R7E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/> Operation Report	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

NOVEMBER REPORT:

Waiting on completion rig to attempt completion in the Ferron Formation.

**RECEIVED**  
DEC 08 1981  
DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE President

DATE December 3, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-20764	
2. NAME OF OPERATOR F-L Energy Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 2020 East 3300 South (suite 23), SLC, Utah 84109		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  SE 1/4 SE 1/4 (560 FSL 690 FEL)		8. FARM OR LEASE NAME Hawthorne-Federal	
14. PERMIT NO. 43-007-30084		9. WELL NO. 1-34	
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 6150 G.L.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 34 T20S R7E	
		12. COUNTY OR PARISH Emery	
		13. STATE Utah	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Operation Report ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

DECEMBER REPORT:

Waiting on completion rig to attempt completion in the Ferron Formation.

**RECEIVED**  
JAN 11 1982

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]TITLE PresidentDATE January 5, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(See instructions on  
reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-20764
2. NAME OF OPERATOR F-L Energy Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2020 East 3300 South (suite 23), SLC, Utah 84109		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  SE 1/4 SE 1/4 (560 FSL 690 FEL)		8. FARM OR LEASE NAME Hawthorne-Federal
14. PERMIT NO. 43-007-30084		9. WELL NO. 1-34
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6150 G. L.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 34 T20S R7E
		12. COUNTY OR PARISH Emery
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Operation Report</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

JANUARY REPORT:

Hydraulic fracture completed -- preparing for back pressure test

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Secretary of the Corporation DATE February 4, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR

F-L Energy Corp.

3. ADDRESS OF OPERATOR

2020 East 3300 South (Suite 23), SLC 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SE 1/4 SE 1/4

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

☐  
☐  
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☐  
☐  
☐  
☐  
☐

(other) Operation Report

5. LEASE

U-20764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hawthorne-Federal

9. WELL NO.

1-34

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 34

T20S

R7E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

14. API NO.

43-007-30084

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

February Report ;

Hydraulic Fracture completed -- preparing for back pressure test.

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE Secretary of the Corporation

3-1-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form Approved.  
Budget Bureau No. 42-R1424

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐  
2. NAME OF OPERATOR  
F-L Energy Corp.  
3. ADDRESS OF OPERATOR  
2020 East 3300 South (Suite 23), SIC 84109  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SE 1/4 SE 1/4  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐ Operation Report

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5. LEASE  
U-20764  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Hawthorne-Federal  
9. WELL NO.  
1-34  
10. FIELD OR WILDCAT NAME  
Wildcat  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
T20S R7E Section 34  
12. COUNTY OR PARISH  
Emery  
13. STATE  
Utah  
14. API NO.  
43-007-30084  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MARCH REPORT:

Waiting for hookup.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Regina T. Rans TITLE Secretary of the Corporation April 2, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well <input type="checkbox"/> gas well <input checked="" type="checkbox"/> other
2. NAME OF OPERATOR F-L Energy Corp.
3. ADDRESS OF OPERATOR 2020 East 3300 South (Suite 23), SLC 84109
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: SE 1/4 SE 1/4 AT TOP PROD. INTERVAL: AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Operation Report	

5. LEASE U-20764	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Hawthorne-Federal	
9. WELL NO. 1-34	
10. FIELD OR WILDCAT NAME Wildcat	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA T20S R7E Section 34	
12. COUNTY OR PARISH Emery	13. STATE Utah
14. API NO. 43-007-30084	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6150 G. L.	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

TESTING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary of the Corporation 5/3/82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form Approved.  
Budget Bureau No. 42-R1424

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR  
F-L Energy Corp.

3. ADDRESS OF OPERATOR  
2020 East 3300 South (Suite 23), SLC 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SE 1/4 SE 1/4  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>	Operation Report	<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Waiting for completion rig

5. LEASE  
U-20764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hawthorne-Federal

9. WELL NO.  
1-34

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
T20S R7E Section 34

12. COUNTY OR PARISH  
Emery

13. STATE  
Utah

14. API NO.  
43-007-30084

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary of the Corporation 1 July 82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐  
2. NAME OF OPERATOR  
F-L Energy Corp.  
3. ADDRESS OF OPERATOR  
2020 East 3300 South (Suite 23), SLC 84109  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SE 1/4 SE 1/4  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

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(other) Operation Report

5. LEASE U-20764  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME Hawthorne-Federal  
9. WELL NO. 1-34  
10. FIELD OR WILDCAT NAME Wildcat  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 34 T20S R7E  
12. COUNTY OR PARISH Emery 13. STATE Utah  
14. API NO. 43-007-30084  
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Waiting for Completion Rig

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary of the Corporation

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐  
well well

2. NAME OF OPERATOR

F-L Energy Corp.

3. ADDRESS OF OPERATOR

2020 East 3300 South (Suite 23), SLC 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SE 1/4 SE 1/4

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

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(other) Operation Report

5. LEASE

U-20764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hawthorne-Federal

9. WELL NO.

1-34

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 34

T20S

R7E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

14. API NO.

43-007-30084

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WAITING FOR COMPLETION RIG

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Secretary of the Corporation

8-5-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐  
2. NAME OF OPERATOR  
F-L Energy Corp.  
3. ADDRESS OF OPERATOR  
2020 East 3300 South (Suite 23), SLC 84109  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SE 1/4 SE 1/4  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Operation Report			

5. LEASE  
U-20764  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Hawthorne-Federal  
9. WELL NO.  
1-34  
10. FIELD OR WILDCAT NAME  
Wildcat  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 34  
T20S R7E  
12. COUNTY OR PARISH  
Emery  
13. STATE  
Utah  
14. API NO.  
43-007-30084  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WAITING FOR COMPLETION RIG

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary of the Corporation 9-2-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐  
2. NAME OF OPERATOR  
F-L Energy Corp.  
3. ADDRESS OF OPERATOR  
2020 East 3300 South (Suite 23), SLC 84109  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SE 1/4 SE 1/4  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/> Operation Report	

5. LEASE  
U-20764  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Hawthorne-Federal  
9. WELL NO.  
1-34  
10. FIELD OR WILDCAT NAME  
Wildcat  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 34  
T20S R7E  
12. COUNTY OR PARISH  
Emery  
13. STATE  
Utah  
14. API NO.  
43-007-30084  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Waiting for completion rig

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary of the Corporation 10-5-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐  
2. NAME OF OPERATOR  
F-L Energy Corp.  
3. ADDRESS OF OPERATOR  
2020 East 3300 South (Suite 23), SLC 84109  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SE 1/4 SE 1/4  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☒  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

(other) Operation Report

SUBSEQUENT REPORT OF

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NOV 29 1982

DIVISION OF  
OIL, GAS & MINING

5. LEASE  
U-20764  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Hawthorne-Federal  
9. WELL NO.  
1-34  
10. FIELD OR WILDCAT NAME  
Wildcat  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 34  
T20S R7E  
12. COUNTY OR PARISH  
Emery  
13. STATE  
Utah  
14. API NO.  
43-007-30084  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was initially completed in the Ferron Sandstone member of the Mancos Formation. No Braden-Head had been set by the Drilling Contractor; only a small amount of cement at the surface between the production casing and the surface pipe. The well was hydraulically fractured treated, and during this operation the production casing was noted to have significant motion in a vertical plane. It is felt this movement damaged the cement bond between the formation and the casing, as extraneous water encroachment is severely interfering with sustained flows of gas. It is therefore proposed to rectify this situation by performing the following work.

- 1) Move in completion rig and thoroughly swab hole to clean channels.
- 2) Set packer and squeeze existing perforations at low pressures with a minimum of 75 sacks of class H cement with a fluid loss additive.
- 3) Release packer and drill out cement. Check for water entrance. If necessary, resqueeze.
- 4) Open productive interval from 1114-1120. Stimulate if necessary.
- 5) Flow test well and if it is significantly water free, test and prepare to hook-up for production.

This expected work will commence immediately upon receiving U.S.G.S approval.

18. I hereby certify that the foregoing is true and correct

SIGNED

Patrick L. Driscoll

TITLE Vice-President

DATE Nov. 24, 1982

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions

DATE  
BY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐  
well well

2. NAME OF OPERATOR

F-L Energy Corp.

3. ADDRESS OF OPERATOR

2020 East 3300 South (Suite 23), SLC 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SE 1/4 SE 1/4

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

(other) Operation Report

5. LEASE

U-20764.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hawthorne-Federal

9. WELL NO.

1-34

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 34

T20S

R7E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

14. API NO.

43-007-30084

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Moved in workover rig; Bucks Drilling Co. Rig #1. Hauled 2 3/8" tubing and well-head to location. Installed same. Swab testing well prior to performing remedial water shut-off.

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Secretary of the Corporation

12/6/82

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐  
well well  
2. NAME OF OPERATOR  
F-L Energy Corp.  
3. ADDRESS OF OPERATOR  
2020 East 3300 South (Suite 23), SLC 84109  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: SE 1/4 SE 1/4  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: (560 FSL 690 FEL)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input checked="" type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

Operation Report

5. LEASE  
U-20764  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Hawthorne-Federal  
9. WELL NO.  
1-34  
10. FIELD OR WILDCAT NAME  
Wildcat  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 34  
T20S R7E  
12. COUNTY OR PARISH  
Emery  
13. STATE  
Utah  
14. API NO.  
43-007-30084  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6150 G. L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Moved in workover rig belonging to Bucks Drilling Co. Rigged up and ran 2 3/8" J-55 tubing and dressed out well-head. Well was full of fluid and indicated 0 psig on casing and tubing. Commenced swabbing well and recovered 200 bbl of fluid before there were any indications of fluid dropping and casing pressure building. Continued swabbing, and water influx began decreasing very noticeably. Well-head pressure is currently 175 psig and gradually increasing. It is planned to continue swabbing in an attempt to dry up well. If this is unsuccessful, it is planned to cement squeeze lower perforated interval in order to effectuate a complete water shut-off.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED H. Kaus TITLE Secretary of the Corporation 1-5-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐

2. NAME OF OPERATOR  
F L Energy

3. ADDRESS OF OPERATOR  
2020 East 3300 South #23 SLC, Ut 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
SE $\frac{1}{4}$  SE $\frac{1}{4}$  (560FSL-690FEL)

AT SURFACE:

AT TOP PROD. INTERVAL: As Above

AT TOTAL DEPTH: As Above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

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(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Tests have been made on this well in order to determine the extent the primary cement job was damaged during the initial fracing operations. It appears that the water entry into this well is from behind the pipe channeling. Numerous attempts were made to mechanically de-water the well-bore, including smaller diameter tubing, plunger 1. ft. installation and prolonged swabbing. Although it was possible to lower the water level considerably to a point where it was noted that 305psig was on the annuls. and a fair to good gas flow (75mcf) was present, the amount of water (5 bwph) is too much to effectively produce the well in this manner. Arrangements have been made to shut-off this water by utilization of a B. J. Hughes Aqua-frol method

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Patrick L. Russell TITLE V.P. Operations DATE June 19, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-20764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hawthorn Fed

9. WELL NO.

1-34

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec 34

T20S, R7E

12. COUNTY OR  
PARISH

Emery

13. STATE

Utah

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐b. TYPE OF COMPLETION:  
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

F L Energy

3. ADDRESS OF OPERATOR

2020 East 3300 South #23 SLC, Ut 84109

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface SE  $\frac{1}{4}$  SE  $\frac{1}{4}$ 

(560fsl, 600fsl)

At top prod. interval reported below

As above

At total depth

14. PERMIT NO.

43-007-30084

DATE ISSUED

7-29-81

15. DATE SPUDDED

9-20-81

16. DATE T.D. REACHED

9-22-81

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6060 G L

19. ELEV. CASINGHEAD

6062

20. TOTAL DEPTH, MD &amp; TVD

1400

21. PLUG, BACK T.D., MD &amp; TVD

1367

22. IF MULTIPLE COMPL.,  
HOW MANY\* --23. INTERVALS  
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Ferron Formayion

1114-1120

4spf

25. WAS DIRECTIONAL  
SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN Micro-Seismograph, Correlation G R

DIL, Caliper, Gamma Ray, Comp Neutron Porosity, Comp Density

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	26#ft	92'	7 5/8"	Cemented to surface	none
4 1/2"	14#ft	1112'	6 1/4"	Cemented w/75	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		NONE					

31. PERFORATION RECORD (Interval, size and number)

1114-1120 4 SPE

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1114-1120 1136	-40 Frac 45000

33.\*

## PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				Waiting water S. O.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4,1,83	2	3/16	→		3+MCF/hr	10	-----
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50	305	→	-----	75+	120	Est	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Waiting for furthur water shut off attempt

TEST WITNESSED BY

P. Driscoll

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

P. L. Driscoll

TITLE

V. P. operations

DATE

6/20/83

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22 and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ferron	1112	1231	Upper part of sand 1114-1120 contains Gas and Probably water	Bluegate shale	0	1112
				Ferron sand	1112	1231
				Tununk shale	1231	TD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form Approved.  
Budget Bureau No. 42-R1424

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR  
F-L Energy Corporation

3. ADDRESS OF OPERATOR  
2020 E. 3300 S. #23 S.L.C., Utah 84109

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☒  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

5. LEASE

U-20764

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hawthorn- Federal

9. WELL NO.

#1-34

10. FIELD OR WILDCAT NAME

Ferron

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34 T.20S R 7E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This gas well is making an abnormal amount of water from a Zone(s) other than the producing zone. It is planned to do an Aqua-trol treatment (Polymer Gel) as developed by the B.J. Hughes Service Company, and it is believed that it will be effective in reducing water flow to a minimal amount; i.e., 5 BWP. The work is scheduled to be completed before the end of Sept. 1983, and a well test will be scheduled during the first week of October, 1983. 48 hours notice will be given to your office before the test is run.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED

*Patrick H. Small*

TITLE

Vice. President

DATE

Sept. 7, 1983

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U 20764  
Communitization Agreement No. \_\_\_\_\_  
Field Name Ferron  
Unit Name \_\_\_\_\_  
Participating Area \_\_\_\_\_  
County Emery State Utah  
Operator F.L. Energy  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Hawthorn 1-34	Sec 34	20S	7E	Workover 0		0	0	0	Waiting for Test

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 2020 E 3300 So SLC, UT 84109  
Title: Sec Page \_\_\_\_\_ of \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RQ 356  
MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-20764  
Communitization Agreement No. \_\_\_\_\_  
Field Name Ferron  
Unit Name \_\_\_\_\_  
Participating Area \_\_\_\_\_  
County Emery State Utah  
Operator F. L. Energy Corp.  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of \_\_\_\_\_, 19\_\_\_\_

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
thorne 1-34	Sec.34	20S	7E	Workover -0-		-0-	-0-	-0-	Waiting for Test

2 1984

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	-0-	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	-0-	-0-	-0-
*Sold	-0-	-0-	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	-0-	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	-0-	XXXXXXXXXXXXXXXXXX
*Used on Lease	-0-	-0-	XXXXXXXXXXXXXXXXXX
*Injected	-0-	-0-	-0-
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	-0-
*Other (Identify)	-0-	-0-	-0-
*On hand, End of Month	-0-	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	-0-	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_

U-20764  
U-17416

ALKER MINERAL LEASING  
ONSHORE OIL AND GAS LEASING AND PRODUCTION

22 BATTERY STREET, SUITE 314  
SAN FRANCISCO, CA 94111  
(415) 788-6544

MAILING ADDRESS:  
P.O. BOX 3168  
SAN FRANCISCO, CA 94119

BLM District Office  
P O Box 970  
Moab , Utah 84532  
att : Greg Noble

July 26, 1986

Dear Sir:

On July 16, 1986 I was the top bidder at the KGS sale on two oil and gas leases in your district: U-60074 and U-60078. These leases are located:

U-60074  
T 20 S, R 7 E  
Sec 26: S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$   
Sec 34: SE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$

480 acres

U-60078  
T 16 S, R 8 E  
Sec 27: SE $\frac{1}{4}$

U-17416  
Well # Santa Fe Federal 1-27  
SE $\frac{1}{4}$  Sec 27, T. 16 S, R. 8 E  
Old lease # U-17416 Annulled/Closed 9/1/85  
160 acres

I understand that there are two unplugged shallow gas wells on the first lease and one unplugged gas well on the second. It is my intention to appoint F-L Energy in Salt Lake City, Utah as designated operator for these properties.

*See comments on operator change form*

This letter requests that you do not require these leases and their operator to plug the aforementioned wells. Although the market for small gas wells is weak at this time, the FERC deregulation process has encouraged me to acquire these leases because one no longer is restricted to Mountain Fuel Co as a possible purchaser. I expect to be able to sell this production to another buyer in the near future.

Yours sincerely,  
*Henry A Alker*  
Henry A Alker

cc: F-L Energy



3100  
(U-60078)  
(U-065)

Moab District  
P. O. Box 970  
Moab, Utah 84532

AUG 22

Mr. Henry A. Alker  
Alker Mineral Leasing  
Onshore Oil and Gas Leasing and Production  
P. O. Box 194001  
San Francisco, California 94119

Re: Santa Fe Federal No. 1-27 well  
Federal Lease U-60078  
Sec. 27, T. 16 S., R. 8 E.  
Emery County, Utah

Dear Mr. Alker:

Following review of production test data from the reference well, we have determined the well as capable of production in paying quantities. Based on the test performed in August, 1983, we will accept the No. 1-27 well as a gas shut-in well.

For your information, according to policy, gas shut-in wells are wells which are capable of production in paying quantities, but are waiting for pipeline hookup, increased prices, etc. Shut-in wells can hold a lease in its extended term by reason of production potential. However, periodically we require production tests of wells which have not been produced for extended periods. Wells should be tested a minimum of every 10 years. Therefore, we will require that this well be tested prior to August 31, 1993, i.e., if the well remains in a gas shut-in status at that time.

No less than ten days prior to conducting the test, please submit a testing proposal to this office. The proposal may be submitted on a sundry notice form and should identify the testing method and equipment to be used. Also, contact the BLM San Rafael Resource Area Office at (801) 637-4584 at least 48 hours prior to conducting the test so that they may arrange to have an inspector present.

If you have any questions in this matter, please contact Dale Manchester at (801) 259-6111 in the Moab District Office.

Sincerely yours,

/S/ WILLIAM C. STRINGER

Assistant District Manager  
Mineral Resources

cc:

U-067, San Rafael Resource Area Office  
U-942, Utah State Office

bcc:

U-065, D. Manchester

DManchester:caf:8/21/91 WP Minerals Disk A:ALKRGS

ONE

Moab District  
P. O. Box 970  
Moab, Utah 84532

3162 (U-065)  
(U-60074)  
(U-60078)✓

SEP 11 1986

CERTIFIED MAIL - RETURN RECEIPT REQUESTED  
Certification No. 0276

Mr. Henry A. Alker  
P. O. Box 3168  
San Francisco, CA 94119

Re: Well No. Santa Fe Federal 1-27  
SESE Sec. 27, T. 16 S., R. 8 E.  
Lease U-60078  
API #43-015-30095

Well No. Hawthorn Federal 1-34  
SESE Sec. 34, T. 20 S., R. 7 E.  
Lease U-60074  
API #43-007-30084 (43-015-30084)

Dear Mr. Alker:

We are in receipt of your letter dated July 26, 1986 advising us that you had obtained the above referenced leases in the July competitive lease sale. There are currently two unplugged gas wells on these leases. You have requested the Bureau of Land Management not to require plugging and abandonment of these wells.

Your request is granted with the following conditions:

- 1) You will be required, as Lessee of Record Title and Operator of the above wells, to obtain bonding in accordance with regulations found in 43 CFR 3104. It is recommended that you obtain a statewide bond covering your activities on these leases. The necessary forms and instructions will be sent to you under separate cover by the Utah State Office, Minerals Adjudication Section.
- 2) You will be required to file Monthly Reports of Operation (Form 3160-6) with the Moab District Office each month beginning in September 1986 and continuing until the wells are plugged and abandoned. A copy of this form is enclosed.
- 3) All activities on these leases and wells involved must be in compliance with regulations found in 43 CFR 3160.

RECEIVED

JAN 16 1987

DIVISION OF  
OIL GAS & MINING

You also advised our office it was your intention to appoint F. L. Energy of Salt Lake City, Utah as designated operator of these wells. We are enclosing a copy of the Designation of Operator Form (Form 3160-8) which should be filed with the Moab District Office. Until this form is received in our office, we will continue to show that these wells are operated by Henry A. Alker.

Your prompt attention concerning the above matters would be appreciated. If you have any questions, please contact the Branch of Fluid Minerals (801) 259-6111.

Sincerely yours,

/s/ James J. Travis

ACTING District Manager

Enclosures (4)

1-Form 3160-6 (2)

2-Form 3160-8 (2)

cc: San Rafael Resource Area (w/o encl.)  
Utah State Office (U-942) (w/o encl.)

CFreudiger/cf 9/10/86



Norman H. Bangerter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

January 28, 1992

Henry A. Alker  
P. O. Box 3168  
San Francisco, California 94119

Dear Mr. Alker:

Re: Operator Change, F L Energy to Henry A. Alker, Company  
Santa Fe-Federal 1-27 well located in Sec. 27, T. 16S, R. 8E  
and Hawthorne 1-34 well located in Sec. 34, T. 20S, R. 7E -  
Emery County, Utah.

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce  
Division of Corporations  
160 East 300 South  
Salt Lake City, Utah 84111  
(801) 530-4849

Sincerely,

Lisha Romero  
Administrative Analyst

cc: Dept. of Commerce  
D. T. Staley  
R. J. Firth

1- <del>LCR</del>	7- <del>LCR</del>
2-DTS	013
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-26-86)

TO (new operator) ALKER, HENRY A.  
(address) P. O. BOX 3168  
SAN FRANCISCO, CA 94119  
phone ( 415 ) 788-6544  
account no. N7355 (1-27-92)

FROM (former operator) F L ENERGY  
(address) 2020 E. 3300 S., STE 23  
SALT LAKE CITY, UT 84109  
KYNN KANO  
phone ( 801 ) 484-6157  
account no. N 2120

Well(s) (attach additional page if needed):

\*(STATUS FROM OPS)

Name: <u>SANTA FE-FED 1-27/FRSD</u>	API: <u>43-015-30095</u>	Entity: <u>11171</u>	Sec <u>27</u> Twp <u>16S</u> Rng <u>8E</u>	Lease Type: <u>U-60078</u>
Name: <u>HAWTHORNE 1-34/FRSD</u>	API: <u>43-015-30084</u>	Entity: <u>2992</u>	Sec <u>34</u> Twp <u>20S</u> Rng <u>7E</u>	Lease Type: <u>U-60074</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

# OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_. (1-27-92 not reg.) (Letter mailed 1-28-92)
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-28-92)
- See 6. Cardex file has been updated for each well listed above. (1-28-92)
- See 7. Well file labels have been updated for each well listed above. (1-28-92)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-28-92)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILED

1. All attachments to this form have been microfilmed. Date: January 31 1992

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

920116 Bbm/Moab Lessee & Operator is Henry A. Alker eff. 7-26-86. The Bbm has not required plugging as of yet, nor have they received a designation of operator appointing F&E Energy operator.

ALKER MINERAL LEASING  
ONSHORE OIL AND GAS LEASING AND PRODUCTION

155 MONTGOMERY STREET, SUITE 504  
SAN FRANCISCO, CA 94104  
[415] 788-6544  
FAX [415] 986-3153

MAILING ADDRESS:  
P.O. BOX 194001  
SAN FRANCISCO, CA 94119

May 12, 1992

State of Utah  
Natural Resources, Oil Gas, Mining  
3 + road center, Ste 350  
Salt Lake City, ut 84180-1203

RECEIVED

MAY 14 1992

DIVISION OF  
OIL GAS & MINING

Gentlemen

The enclosed forms for 2 shut  
in gas wells on my Federal lease  
should be sent to Ray Buckland?  
Pegasus Petroleum  
P.O. Box 1005  
Castle Rock, ut 84513

His firm is licensed to operate wells in Utah  
and is operating those leases currently  
Please notify the State that people  
accordingly.

Henry A. Alker

cc: R. Buckland



Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File \_\_\_\_\_

☐ Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

☒ Other

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_  
(API No.) \_\_\_\_\_

Desig. of Agent

1. Date of Phone Call: 8-18-92 Time: 8:53

2. DOGM Employee (name) J. Romero (Initiated Call ☒)  
Talked to:

Name Ray Buckland (Initiated Call ☐) - Phone No. (801) 748-2356  
of (Company/Organization) Pegasus Petroleum

3. Topic of Conversation: Desig. of Agent.  
Hewthorne 1-34 / 43-015-30084 and Santa Fe Fed. 1-27 / 43-015-30095

4. Highlights of Conversation:

Mr. Buckland confirmed that he is the designated agent for  
Henry Alker. He is aware that both wells are on Federal leases,  
and that Henry Alker is considered to be the operator and has  
provided bond coverage to the Btm.

\* Dept. of Commerce - Pegasus Petroleum "No Listing"

\* Btm/Moab - Notified of "Desig. of Agent" (Not an oper. change)

\* Henry Alker - Notified of "Desig. of Agent". (Not an oper. change)



Norman H. Bangarter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

August 19, 1992

Ray Buckland  
Pegasus Petroleum  
P. O. Box 1005  
Castledale, Utah 84513

Dear Mr. Buckland:

Re: Designation of Agent, Henry A. Alker c/o Pegasus  
Petroleum, for wells located in Emery County,  
Utah.

In reviewing the designation of agent for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce  
Division of Corporations  
160 East 300 South  
Salt Lake City, Utah 84111  
(801) 530-4849

Sincerely,

Lisha Romero  
Administrative Analyst

cc: Dept. of Commerce  
D.T. Staley  
R.J. Firth  
Operator File(s)  
Correspondence File/ldc



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

August 19, 1992

Henry A. Alker  
P. O. Box 194001  
San Francisco, California 94119

Dear Mr. Alker:

Re: Designation of Agent, Henry A. Alker c/o Pegasus  
Petroleum, for wells located in Emery County,  
Utah.

In reviewing the designation of agent for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

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Division of Corporations  
160 East 300 South  
Salt Lake City, Utah 84111  
(801) 530-4849

Sincerely,

Lisha Romero  
Administrative Analyst

cc: Dept. of Commerce  
D.T. Staley  
R.J. Firth  
Operator File(s)  
Correspondence File/lcd

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:	
1- LOR	7- LOR
2- DTS	TS
3- VLC	
4- RJF	
5- RWM	
6- ADA	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not-applicable.

☒ Change of Operator (well sold)      ☒ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-92 (PER ADMIN.))

TO (new operator) <u>ALKER, HENRY A.</u>	FROM (former operator) <u>ALKER, HENRY A.</u>
(address) <u>C/O PEGASUS PETROLEUM</u>	(address) <u>PO BOX 3168</u>
<u>PO BOX 1005</u>	<u>SAN FRANCISCO, CA 94119</u>
<u>CASTLEDALE, UT 84513</u>	
phone <u>(801) 748-2356</u>	phone <u>(415) 788-6544</u>
account no. <u>N 7355(A)</u>	account no. <u>N7355</u>

Well(s) (attach additional page if needed):

Name: <u>HAWTHORNE 1-34/FRSD</u>	API: <u>43-015-30084</u>	Entity: <u>2992</u>	Sec <u>34</u> Twp <u>20S</u> Rng <u>7E</u>	Lease Type: <u>U-60074</u>
Name: <u>SANTA FE-FED 1-27/FRSD</u>	API: <u>43-015-30095</u>	Entity: <u>11171</u>	Sec <u>27</u> Twp <u>16S</u> Rng <u>8E</u>	Lease Type: <u>U-60078</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 5-14-92)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *x Phone Documentation*
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes no) \_\_\_\_ If yes, show company file number: \_\_\_\_ *(Letter mailed to both companies 8-19-92)*
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(8-19-92)*
- See 6. Cardex file has been updated for each well listed above. *(8-19-92)*
- See 7. Well file labels have been updated for each well listed above. *(8-19-92)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-19-92)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
See Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.  
See 8/20/92
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

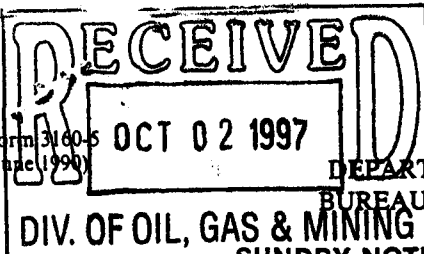
- ✓ RWM 1. All attachments to this form have been microfilmed. Date: Aug 21 1992.

FILING

- See 1. Copies of all attachments to this form have been filed in each well file.
- See 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

920818 Bbm/maab Henry Alken is operator - ok to set it up as a desig. of agent. Do not change operator.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
U-60074

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

HAWTHORNE FED. 1-34

9. API Well No.

43-015-30084

10. Field and Pool, or Exploratory Area

FERRON

11. County or Parish, State

EMERY CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
HENRY ALKER

3. Address and Telephone No.  
155 MONTGOMERY, SUITE 504, SAN FRANCISCO, CA 94104

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
TOWNSHIP 20 SOUTH, RANGE 7 EAST, SECTION 34, SENE

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED PROPOSAL FOR PLUGGING AND ABANDONMENT.

CONTACT: CLIFFORD MURRAY 801-722-3000

Tickler: Setup for 10/20/96 for submission of SEA.

14. I hereby certify that the foregoing is true and correct.

Signed CLIFFORD MURRAY Title AGENT

Date 07/31/96

(This space for Federal or State office use)

Assistant Field Manager,

Approved by [Signature]  
Conditions of approval, if any:

Title Resource Management

Date 8/20/96

CONDITIONS OF APPROVAL ATTACHED

APPROVE BY GWD: 20/ 8/1/96

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**HAWTHORNE FEDERAL 1-34**

Township 20 South, Range 7 East, Section 34, SENE

API # 43-015-30084

Proposed Plugging Procedure

07/31/96

1. Move in and rig up service unit and equipment.
2. Nipple down wellhead. Pull out of hole with 2 3/8" tubing.
3. Run in hole with 3.875" gauge ring on sandline to top of perf's at 1,114'.
4. Pick up 4 1/2" cast iron bridge plug and run in hole with 2 3/8" tubing. Set cast iron bridge plug at +/- 1,075'. Pull out of hole with 2 3/8" tubing.
5. Swab water from 4 1/2" casing to tank until dry.
6. Using Reddi-Mix truck and funnel, fill 4 1/2" casing to surface with class A cement.
7. Cut off casing head and fill to surface or set 50' Class A cement plug (whichever is greater) between 7" casing and 4 1/2" casing. NOTE: Casing to casing annulus may already be cemented.
8. Move out service rig and equipment.
9. Weld on dry hole marker per BLM requirements.
10. Restore surface to BLM specifications.

Henry Alker  
Well No. Hawthorne Federal 1-34  
SESE Sec. 34, T. 20 S., R. 7 E.  
Emery County, Utah  
Lease UTU60074

**CONDITIONS OF APPROVAL**

1. Notify Mike Kaminski of the Price Office, Bureau of Land Management at (801) 636-3640, or at home (801) 637-2518, at least 24 hours prior to commencing plugging operations.



F. L. Energy Corp.  
Hawthorne Fed. #1-34 well  
Sec. 34, T20S R7E, SENE  
Emery Co., Utah

2-21-83  
NOT Scaled

Mancos Formation

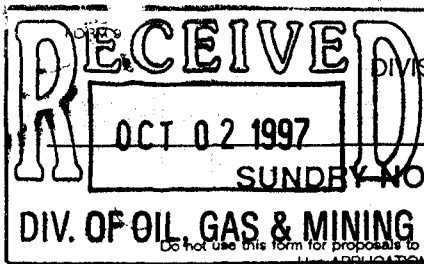
Blue Gate Sh. mbr.

Ferron s.s. 1110'  
Perf. 1114' 1120' E  
45PP  
Perf. 1136' 1140' E  
45PP  
Perf. 1172' 1178' E  
45PP

90' T.D. 7" 20# Casing  
Cemented to surface

1150' T.D. 2 3/8" 4.7# Tubing  
open ended

1395' T.D. 4 1/2" 9.5# Casing J-55  
Cemented w/ 75 sacks



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

DIV. OF OIL, GAS & MINING

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-60074

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Hawthorne Fed 1-34

9. API Well Number:

43-015-30084

10. Field and Pool, or Wildcat:

Ferron

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

Henry Aiker

3. Address and Telephone Number:

155 Montgomery Ste. 504 San Francisco CA 94104 415-788-6544

4. Location of Well

Footages:

QQ, Sec., T., R., M.: SENE S. 34 T. 20S. R. 7E.

County: Emery

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

Approximate date work will start

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Abandon        | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

Date of work completion marker & Reclamation should be complete by 11/15/97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- July 7-8 '97
- 1- Pull out of Hole w/ 2 3/8 tbg.
  - 2- Set CAST Iron Bridge plug @ 1,075' w/ tbg.
  - 3- Blow Hole dry w/ compressor. water blown into truck & taken to Envirotech Service / Blue Bench disposal Duchesne, Utah
  - 4- Fill Casing to surface w/ 22.5 sacks/yd class A Cement.

Sundry will be submitted when work completed  
Mike Kaminski from Price BLM. onsite during operations

13.

Name & Signature:

Clifford Murray *Clifford Murray*

Title:

Agent

Date:

9-25-97

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

997



READY MIX

## INVOICE

Bowman Ready Mix, Inc.

DRAWER 400

TELEPHONE 687-9068

HUNTINGTON, UTAH 84528

Date

7-8

1997

Sold To:

Alleyway & Albin  
San Francisco Calif

415-921-5732

Delivered by:

JB

☒ CASH ☐ CHARGE

CUSTOMER NO.

Quan.	Description	Unit Price	Amount
3 3/4	cyls cement		
	22.6 bags per	\$169.50	635 63
	3 line Truck	\$70.00	210 00
			845 63
		167	48 62
		\$894	25
	check # 725		
	Time		
In			

Used All cement  
in well. Filled  
casing to within  
1 Ft of surface  
Mike Kaminski  
witnessed.

By effort to place concrete where  
it we assume no responsibility  
for it. We are not liable for com-  
modities.

month following purchase.  
8% per annum will be made  
made by suit or otherwise.  
collection costs, including  
on, Utah.

By: Jay 2 Pan